APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3

Studies in the Field of the Chemistry of Organic Oxides
XXXII. The Order of Addition of Ethylate, by V. M.
Mitskaya, E. M. Blyakhman, A. A. Petrov, 4 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXX, No 8, 1960,
pp 2524-2527.

CB

168, 816

ici

Sep 61

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3

Petrov, A. A.
CATALYTIC ISOMERIZATION OF HYDROCARBONS, tr. by Paula Schärf. 1963, 162p. 317 refs. PL-480 Comm.
Order from OTS $1.75 63-11137

Trans. of mono. Kataliticheskaya Isomerizatsiya Uglevodorodov, Moscow, 1960 [231p.].

DESCRIPTORS: *Alkenes, *Alkanes, *Cycloalkanes, *Molecular isomerism, Catalysis, Hydrocarbons, *Petroleum, Ziegler catalysts.

Contents:
Isomeric conversion of $C_6 - C_8$ olefins. Reaction mechanism
The isomerization of cycloolefins
The isomerization of $C_{12} - C_{16}$ unsaturated hydro-

(Chemistry--Organic, TT, v. 10, no. 8) (over)

63-11137

I. Petrov, A. A.
II. PL-480 Comm (63-11137)
III. National Science Foundation, Washington, D. C.

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Office of Technical Services

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3

Investigations in the Field of Conjugated Systems, CX. Polarographic Investigation of Vinylacetylenic Hydrocarbons, by A. A. Petrov, V. P. Petrov, 5 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXIX, No 12, 1959, pp 3987-3991.

GB

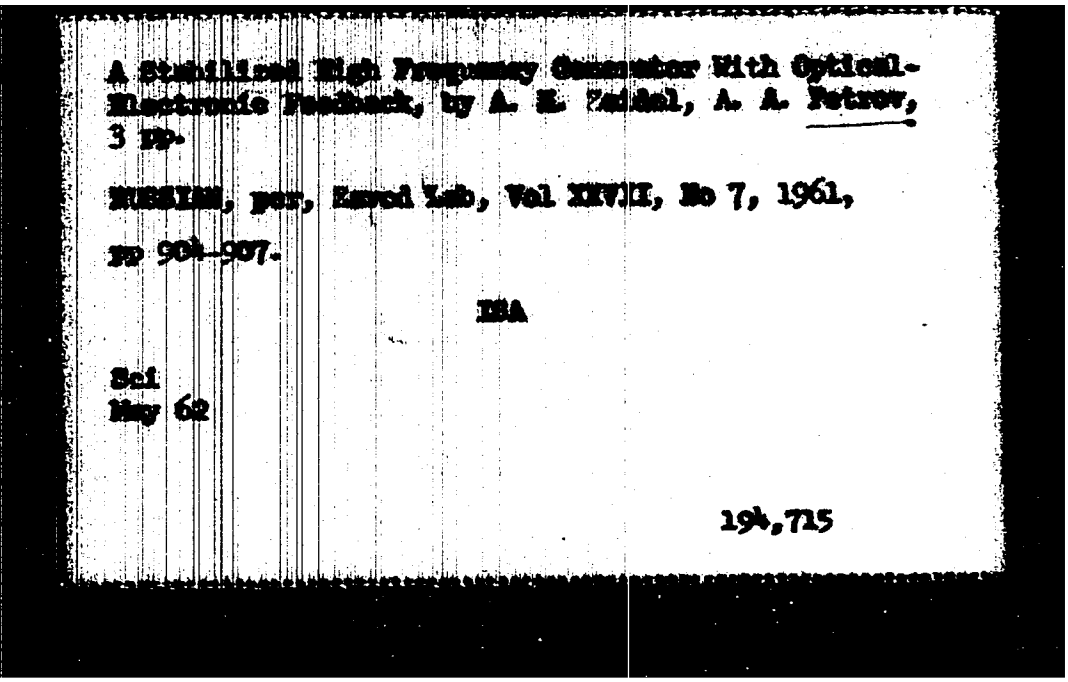
Sci

Nov 60

133,226

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3



A Stabilized High Frequency Generator With Optical-Electronic Feedback, by A. E. Fadeal, A. A. Petrov, 3 pp.

RUSSIAN, per, Zavod Lab, Vol XXVII, No 7, 1961, pp 904-907.

IBA

Sci
May 62

194,725

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3

Investigations in the Field of Conjugated Systems. CXIII. On Addition of Alkyllithiums to Vinylalkylacetylenes, by V. A. Kormer, A. A. Petrov, 4 pp.

RUSSIAN, per, Zhur Obshch, Vol XXX, No 1, 1960, pp 216-219.

CB

Sci

1444, 124

Feb 61

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3

Investigations on Conjugated Systems. CXII. The Direction of Hydration of Allylmethylacetylene (1-Hexen-4-yne), by B. S. Kupin, A. A. Petrov, 4 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXIX, No 12, 1959, pp 3998-4002.

CB

Sai

Nov 60

133,228

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3

Investigations in the Field of Conjugated Systems. CXI. On the Order of Addition of Tertiary Alkyl Halides to Vinylacetylene, by I. A. Maretina, A. A. Petrov, T. V. Yakovleva, 6 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXIX, No 12, 1959, pp 3992-3998.

CB

Sci

133,229

Nov 60

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3

Investigations on Conjugated Systems. CIX. The Direction of Hydration of Isopropenylalkylacetylenes, by B. S. Kupin, A. A. Petrov, 5 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXIX, No 11, 1959, pp 3738-3741.

CB

Sci
Nov 60

132, C 57

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3

Conjugated Systems. CVIII. Synthesis and Properties of Some Alkylisoalkenyl-Acetylenes and Higher Homologs, of Vinylalkylacetylenes, by A. A. Petrov, B. S. Kupin, T. V. Yakovleva, K. S. Mingaleva, 6 pp.

RUSSIAN, per. Zhur Obshch Khim, Vol XXIX, No 11, 1959, pp 3732-3737.

CB

132, c 9L

Sci
Nov 60

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3

Raman Spectra of Some C_{24} Hydrocarbons, by A. N. Lis-linskiy, A. A. Petrov, 3 pp

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Fiz, Vol XXIII, No 10, 1959, pp 1179-1181.

Columbia Tech

Sci
Nov 60

132,915

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3

Investigations in the Field of Conjugated Systems. CV. Telomerization of Butadiene With Chloroprene Hydrochloride (1,3-Dichlorobutene-2), by A. A. Petrov, Kh. V. Bal'yan, L. I. Bunina-Krivorukova, T. V. Yakovleva, 4 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXIX, No 8, 1959, pp 2518-2521.

Consultants Bureau

Sci

Aug 60

126,701

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3

The Effect of Acid or Basic Properties of Reagents (or Catalysts) on the Course and the Mechanism of Addition to Unsymmetrical α-Oxides, by A. A. Petrov, 26 pp.

GERMAN, per, Chemische Technik, Vol VI, No 12, 1954, pp 639-644.

SLA 60-10920

Scl

126,873

CFS, Vol III, No 6

Sep 60

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3

Investigations in the Field of Conjugated Systems. XCIX. The Synthesis of Geranyl Chloride by the Telomerization of Isoprene With Its 1,4-Hydrochlorides, by A. A. Petrov, Kh. V. Bal'yan, Yu. I. Kheruze, E. Yu. Sherstyuk, L. T. Cherenkova, 7 pp

RUSSIAN, per, Zhur Obshch Khim, Vol XXIX, No 6, 1959, pp 1876-1881

Consultants Bureau

Sci - Chemistry

122,064

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3

Investigations in the Field of Conjugated Systems. XC. The Addition of 2-Chloro-3-pentene to Divinyl, by A. A. Petrov, N. A. Razumova, M. L. Genusov, 7 pp.

RUSSIAN, par, Zhur Obshch Khim, Vol XXVIII, No 8, 1958, pp 2132-2137.

CB

Sci - Chem
Oct 59

99,077

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3

Investigations in the Field of Conjugated Systems. XCI. The Addition of 1-Chloro-3-methyl-2-Butene to Divinyl, by A. A. Petrov, N. A. Razumova, 6 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVIII, No 8, 1958, pp 2138-2144.

CB

Sci - Chem
Oct 59

99,078

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3

Investigations in the Field of Conjugated Systems. XCVII. Addition of Alcohols to Vinylalkylacetylenes in the Presence of KOH, by B. S. Kupin, A. A. Petrov, 7 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXIX, No 4, 1959, PP 1151-1157

Consultants Bureau

Sci

Jun 60

117, 646

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3

Studies in the Field of Conjugated Systems. Part XCV. Reaction of Piperylene With Its HCl Addition Product and With the 1,4 HCl Addition Product of Isoprene, by A. A. Petrov, N. A. Razumova, M. L. Genusov, 6 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVIII, No 12, 1958, pp 3220-3224.

ATS 82L30R

Sci - Chem
Sep 59
Vol 2, No 2

97987

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3

Investigations on Conjugated Systems. LXXXII. Infrared Spectra of Vinylacetylenic and Dienic Ethers, by A. A. Petrov, G. I. Semenov, 4 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVIII, No 1, 1958, pp 71-74.

Consultants Bureau

Sci - Chem
Apr 59

84,182

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3

Conjugated Systems. LXXXIX. Influence of Various Factors on the Yield of Geranyl Chloride in the Reaction of Isoprene with Its Hydrochlorides, by A. A. Petrov, Kh. V. Bal'ian, Yu. I. Kheruze, E. Yu. Shvarts, L. L. Cherenkova, 8 pp.

RUSSIAN, per, Zhur Obshchei Khim, Vol XXVIII, No 6, 1958, pp 1435-1443.

Consultants Bureau

Sci - Chem
Sep 59

95, 757

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3

Investigation of Conjugated Systems. LXXXVII. Addition of α-Chloro- and α'-Bromo-Ether to Chloroprene, by B. A. Vovsi, A. A. Petrov, 5 pp.

RUSSIAN, per, Zhur Obshchei Khim, Vol XXVIII, No 6, 1958, pp 1426-1431.

Consultants Bureau

Sci - Chem
Sep 59

95,755

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3

Conjugated Systems. CXIX. The Direction of Electrophilic Addition to Unsymmetrical Dienes. Reaction of N,N-Dibromosulfonamide with Alcohol Solutions of Divinylacetylene and its Homologs, by A. A. Petrov, Yu. I. Porfir'yeva, 5 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXX, No 6, 1960, pp 1818-1822.

CB

Sci
Aug 61.

162,600

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3

Conjugated Systems. LXXXVIII. Condensation of 3-Chloro-1, 3-pentadiene and 3-Chloro-1,3-hexadiene with Propargylaldehyde and Propiolic Acid, by E. A. Laporskaya, A. A. Petrov, 4 pp.

RUSSIAN, per, Zhur Obshchei Khim, Vol XXVIII, No 6, 1958, pp 1432-1434.

Consultants Bureau

95, 756

Sci - Chem
Sep 59

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3

Study of an Island Focus of Northern Asian Tick-Borne Typhus, by G. P. Somov, M. I. Shapiro and A. A. Petrov, 5 pp.

RUSSIAN, per, Zhur Mikrobiol Epidemiol i Immunobiol, Vol XXIX, No 5, 1958 pp 94-99

Pergamon Inst

Sci - Med

Feb 59

81,082

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3

Catalytic Hydrogenation of Vinyl Ethylene Oxides. II. Hydrogenation of Cholroprene Oxide, by M. A. Aizikovich, A. A. Petrov.

RUSSIAN, per, Zhur Obshchei Khim, Vol XXVIII, No 11, 1958, pp 3051-3055.

ATS RJ-1654

ATS-89L39R

Sci- Chem

Jul 59

90,839

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3

To the Memory of M. V. Likhosharatov, by A. A. Petrov, 1 p.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXVI, No 5, May 1956, p 1515.

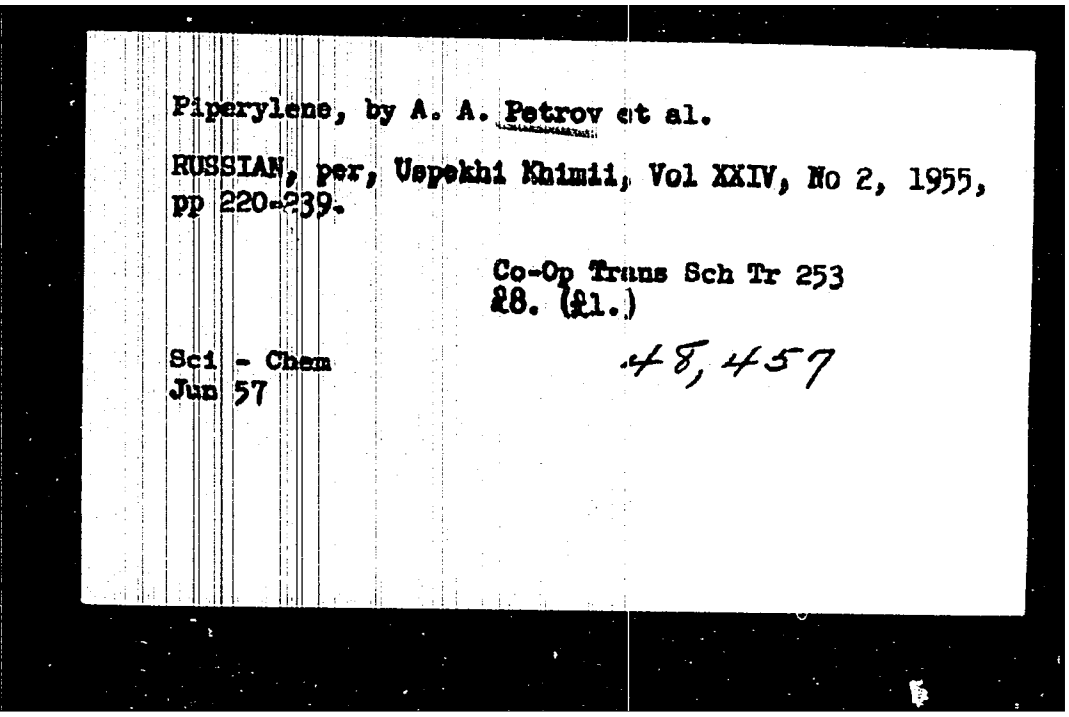
Consultants Bureau

Sci - Chemistry
May 57

47, 5711

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3



Piperylene, by A. A. Petrov et al.

RUSSIAN, per, Uspekhi Khimii, Vol XXIV, No 2, 1955, pp 220-239.

Co-Op Trans Sch Tr 253
&8. (&1.)

48,457

Sci - Chem
Jun 57

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3

Hydrogenation of Unsaturated Compounds in the Presence of Colloidal Palladium, XIV. Some Characteristics of the Hydrogenation of Disubstituted Allene Hydrocarbons, by Kh. V. Bal'yan, A. A. Petrov, N. A. Borovikova, 6 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXX, No 10, 1960, pp 3247-3252.

CB

171, 733

Sci

Oct 61

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3

Synthesis and Properties of Isomeric Isobutylene Glycol Ethers, by A. A. Petrov, E. N. Pritula, 4 pp.

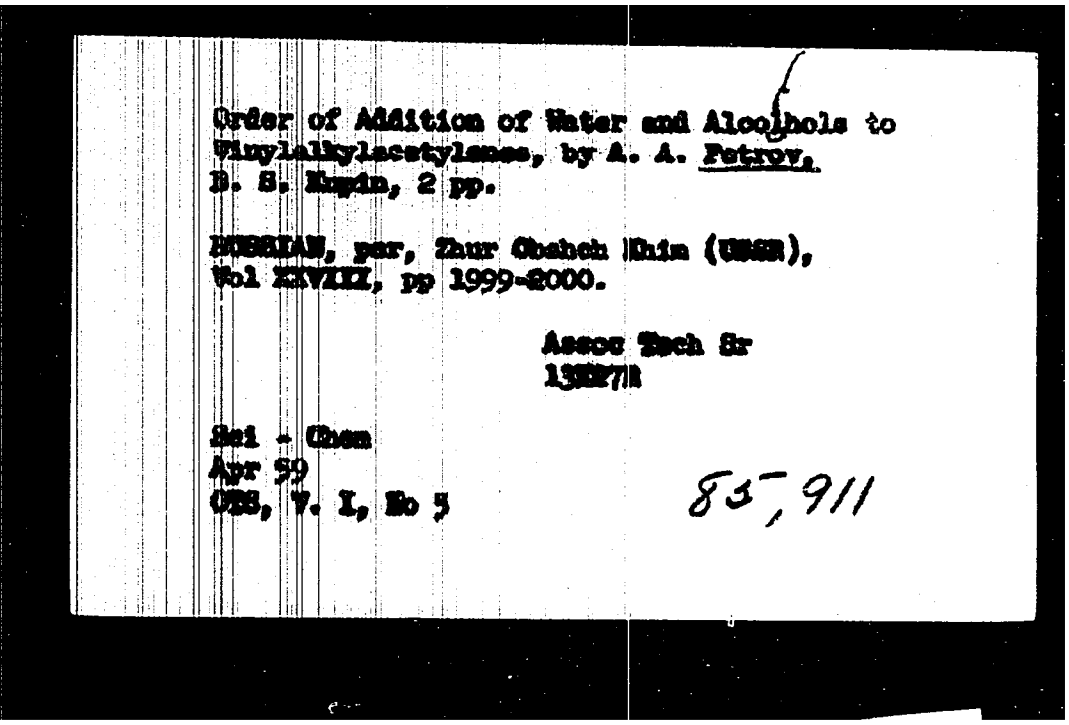
RUSSIAN, per, Zhur Prik Khim, Vol XXVIII, No 5, May 1955, pp 556-559. CIA C 39706

28,928 Consultants Bureau

Scientific - Chemistry Nov 55 CTS/DEX

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3



Order of Addition of Water and Alcohols to Vinylalkylacetylenes, by A. A. Petrov, D. S. Rupin, 2 pp.

RUSSIAN, zur, Zhur Obshch Khim (USSR), Vol XXVIII, pp 1999-2000.

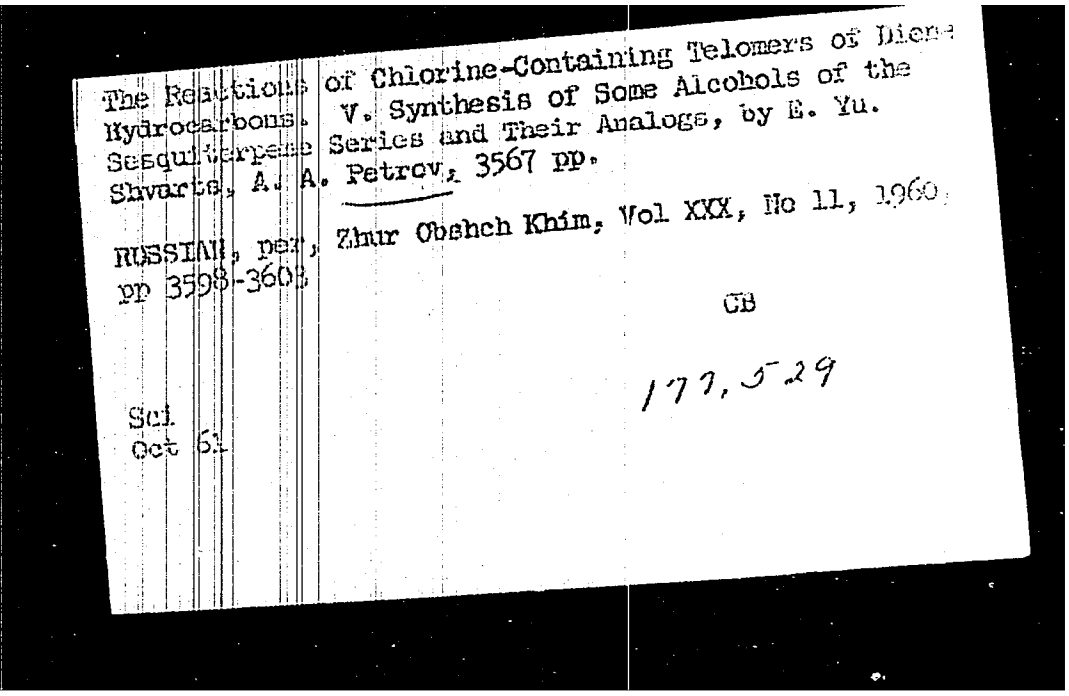
Assoc Tech Sr
13[illegible]

Sci - Chem
Apr 59
ORS, V. I, No 5

83-911

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3



The Reactions of Chlorine-Containing Telomers of Diene Hydrocarbons. V. Synthesis of Some Alcohols of the Sesquiterpene Series and Their Analogs, by E. Yu. Shvarts, A. A. Petrov, 3567 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXX, No 11, 1960, pp 3598-3603

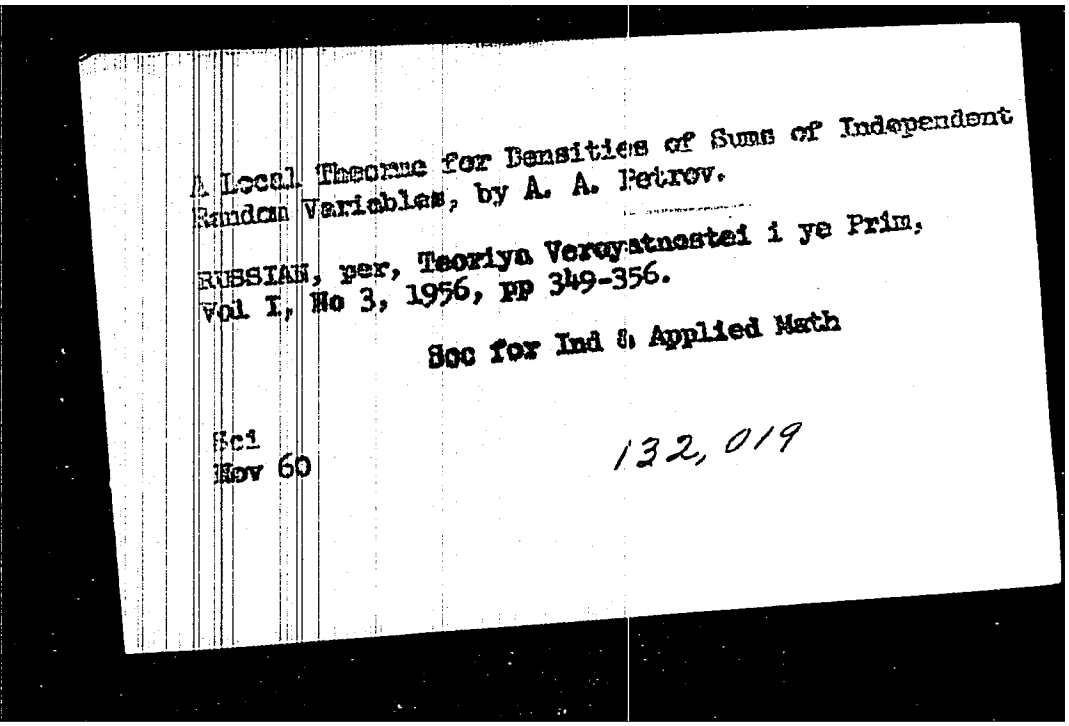
CB

177,529

Sci
Oct 61

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3



A Local Theorem for Densities of Sums of Independent Random Variables, by A. A. Petrov.

RUSSIAN, per, Teoriya Veroyatnostei i ye Prim, Vol I, No 3, 1956, pp 349-356.

Soc for Ind & Applied Math

Sci
Nov 60

132,019

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3

Investigations in the Field of Conjugated Systems. CXVI. On the Addition of Lithium Dialkylamides to Vinylacetylenic Hydrocarbons, by V. A. Kormer, A. A. Petrov, 8 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXX, No 3, 1960, pp 918-926.

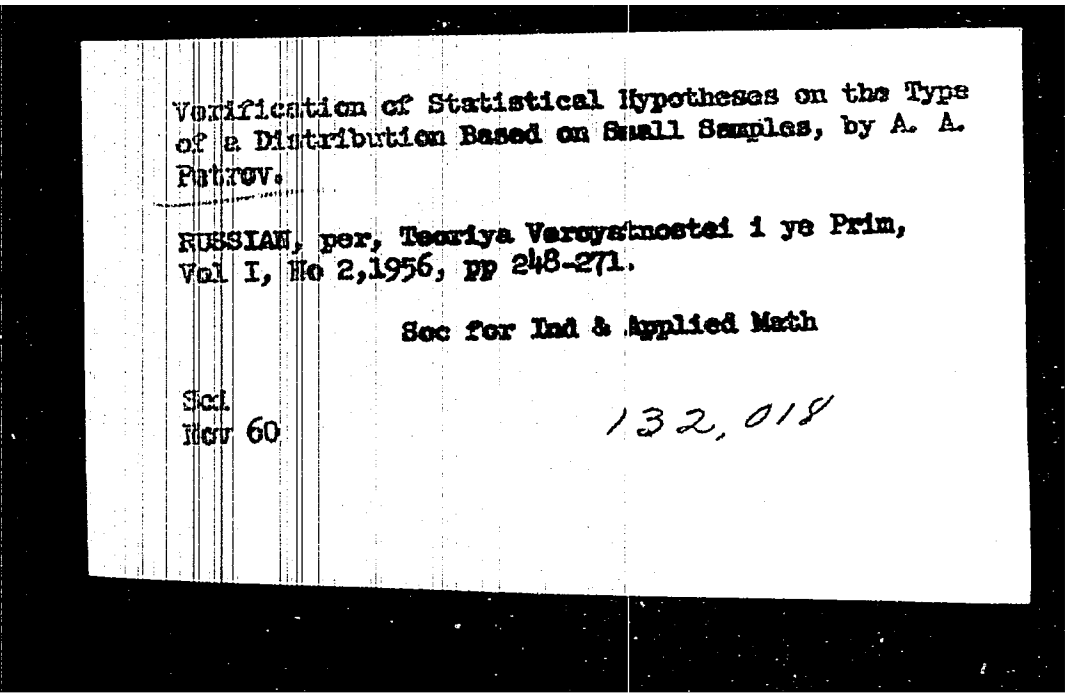
CB

Sci -
Apr 61

147,584

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3



Verification of Statistical Hypotheses on the Type of a Distribution Based on Small Samples, by A. A. Petrov.

RUSSIAN, per, Teoriya Veroyatnostei i ye Prim, Vol I, No 2,1956, pp 248-271.

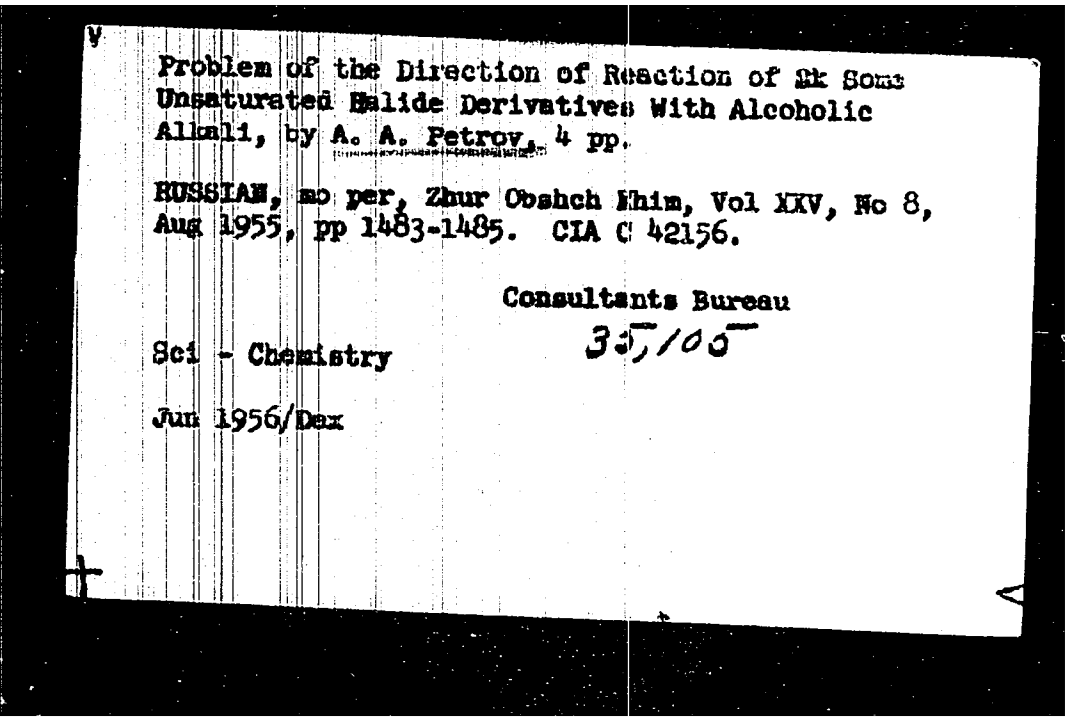
Soc for Ind & Applied Math

Sci
Nov 60

132,018

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3



Problem of the Direction of Reaction of Some Unsaturated Halide Derivatives With Alcoholic Alkali, by A. A. Petrov, 4 pp.

RUSSIAN, mo per, Zhur Obshch Khim, Vol XXV, No 8, Aug 1955, pp 1483-1485. CIA C 42156.

Consultants Bureau

35,105

Sci - Chemistry

Jun 1956/Dex

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3

Dipole Moments and Activity in the Telomerization of Some Allyl Chlorides With Diene Hydrocarbons, by A. A. Petrov, K. S. Mingaleva, 4 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXIX, No 9, 1959, pp 2826-2829.

CB

Sci

Sep 60

129,264

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3

Investigations in the Field of Conjugated Systems. CVII. The Order of Addition of Iodine Chloride to Vinylacetylene Hydrocarbons, by A. A. Petrov, Yu. I. Porfir'yeva, 8 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXIX, No 9, 1959, pp 2830-2836.

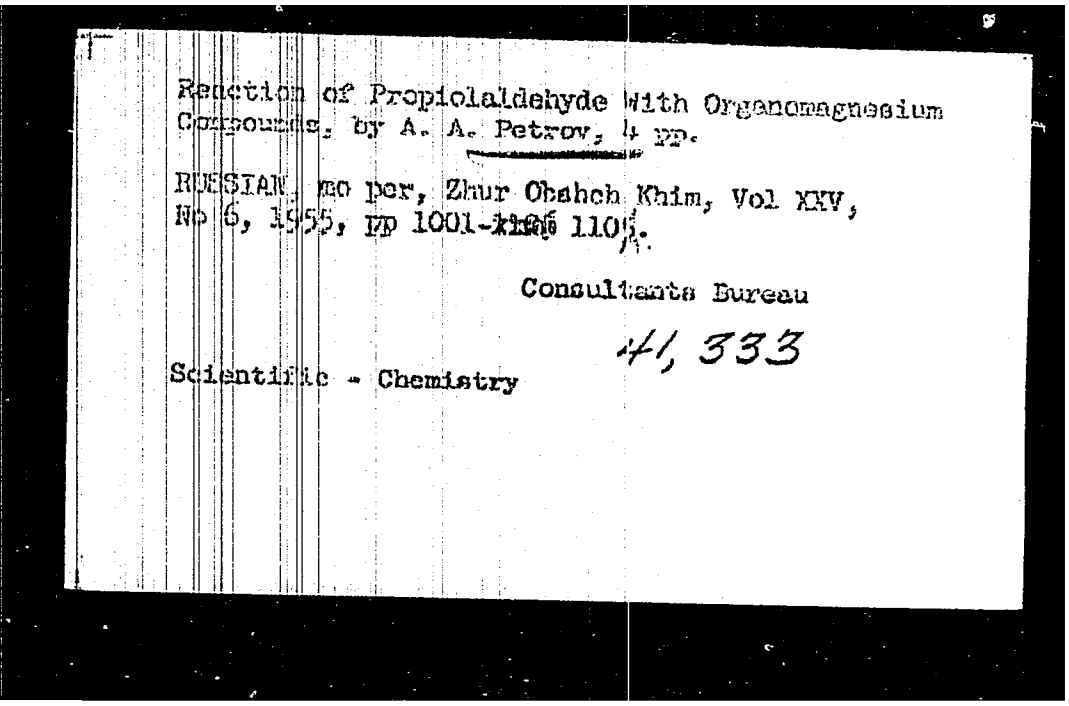
OP

Sci

129,265

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3



Reaction of Propiolaldehyde With Organomagnesium Compounds, by A. A. Petrov, 4 pp.

RUSSIAN, mo per, Zhur Obshch Khim, Vol XXV, No 6, 1955, pp 1001-1106 1105.

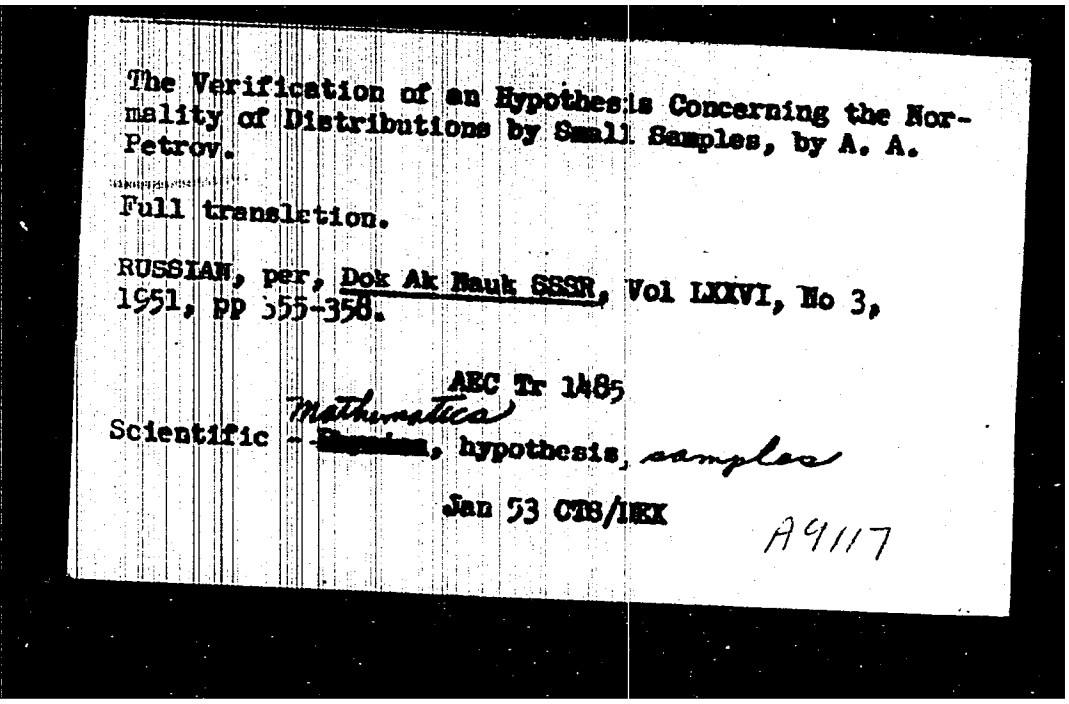
Consultants Bureau

41, 333

Scientific - Chemistry

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3



The Verification of an Hypothesis Concerning the Normality of Distributions by Small Samples, by A. A. Petrov.

Full translation.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXVI, No 3, 1951, pp 355-358.

AEC Tr 1485

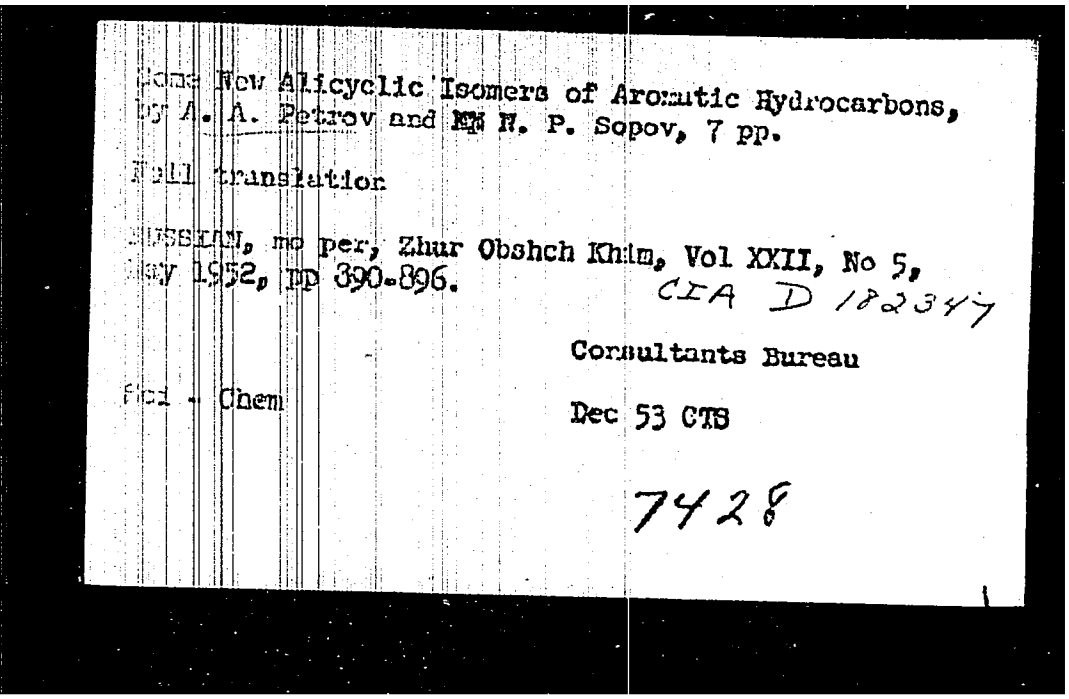
Scientific - Mathematics, hypothesis, samples

Jan 53 CTS/IEK

A9117

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3



Some New Alicyclic Isomers of Aromatic Hydrocarbons,
by A. A. Petrov and N. P. Sopov, 7 pp.

Full translation

RUSSIAN, no per, Zhur Obshch Khim, Vol XXII, No 5,
May 1952, pp 890-896.

CIA D 182347

Consultants Bureau

Pet - Chem

Dec 53 CTS

7428

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3

Isomerization of Olefinic Hydrocarbons Over Aluminosilicates, by A. A. Petrov

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk, No 6, 1951, pp 745-752.

Assoc Tech Sv, RJ-127

Scientific - Chemistry Price $12.80

AVCTS/DEX

17,223

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3

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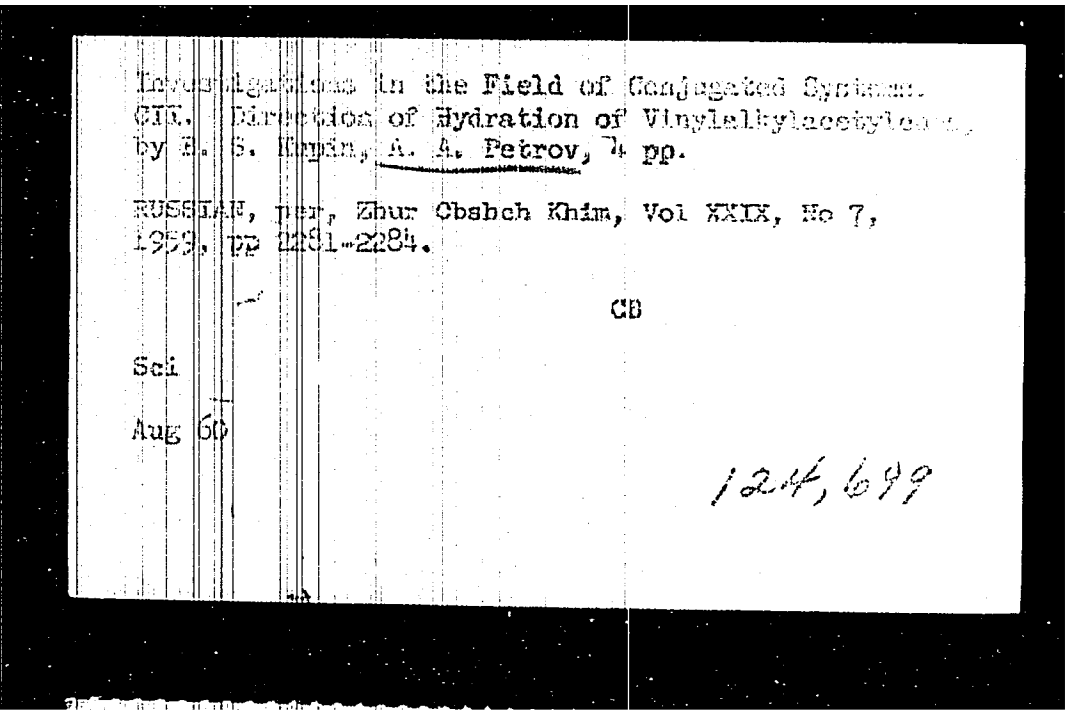

Investigations in the Field of Conjugated Systems. CIII. Direction of Hydration of Vinylalkylacetylenes, by E. S. Lapkin, A. A. Petrov, 7 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXIX, No 7, 1959, pp 2281-2284.

CB

Sci

Aug 60

124,699

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3

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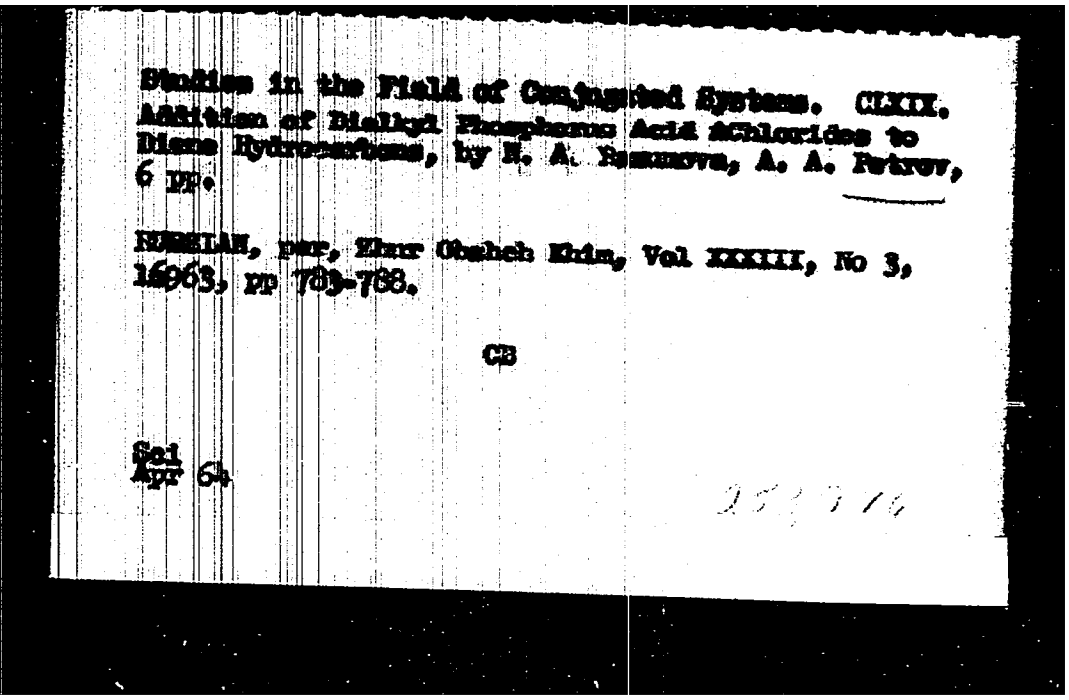


Studies in the Field of Conjugated Systems. CLXII. Addition of Dialkyl Phosphorous Acid Chlorides to Diene Hydrocarbons, by N. A. Razumova, A. A. Petrov, 6 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXXIII, No 3, 1963, pp 783-788.

CB

Sel Apr 64.

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3

Investigations in the Field of Conjugated Systems. CI. Oxidation of Vinylalkylacetylenes with Benzoyl Hydroperoxide, by V. M. Al'bitskaya, E. M. Blyakhman, A. A. Petrov, T. V. Yakovleva, 3 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXIX, No 7, 1959, pp 2278-2280.

GB

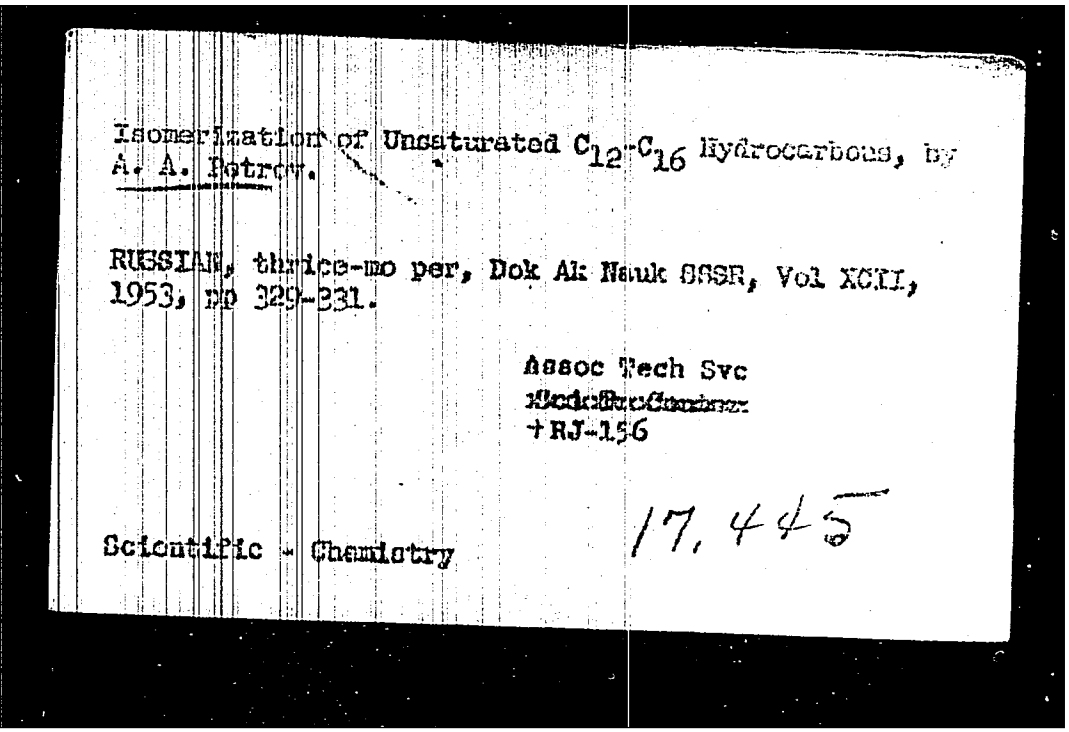
Sci

Aug 60

124,698

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3



Isomerization of Unsaturated C_{12}-C_{16} Hydrocarbons, by A. A. Petrov.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol XCII, 1953, pp 329-331.

Assoc Tech Svc
[redacted]
+RJ-156

Scientific - Chemistry

17,445

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3

PETROV, A. A., and SOPOV, N. P., Chem Lab of the Leningrad Inst of Aviation Instrument Design

Research on the Chemistry of Alkenyne Systems. I. The Addition of Bromine to Vinylacetylene

Zhur Obshch Khim, Vol XX, No 4, 1950 (Apr), pp 745-755 CA D 18235

Consultants Bureau Translation

A 9115

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3

The Order of Addition of Hydrogen Halides to Halogen-substituted [redacted]-oxides, by A. A. Petrov, 17 pp.

RUSSIAN, per, Zhur.Obshchei Khimii, Vol XI, No 9, 1941, pp 713-721.

OTS 61-18080

Sci Tr Center RT-2497

USSR
Scientific - Chemistry

28, 272

Nov 55
CTS/DKX

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3

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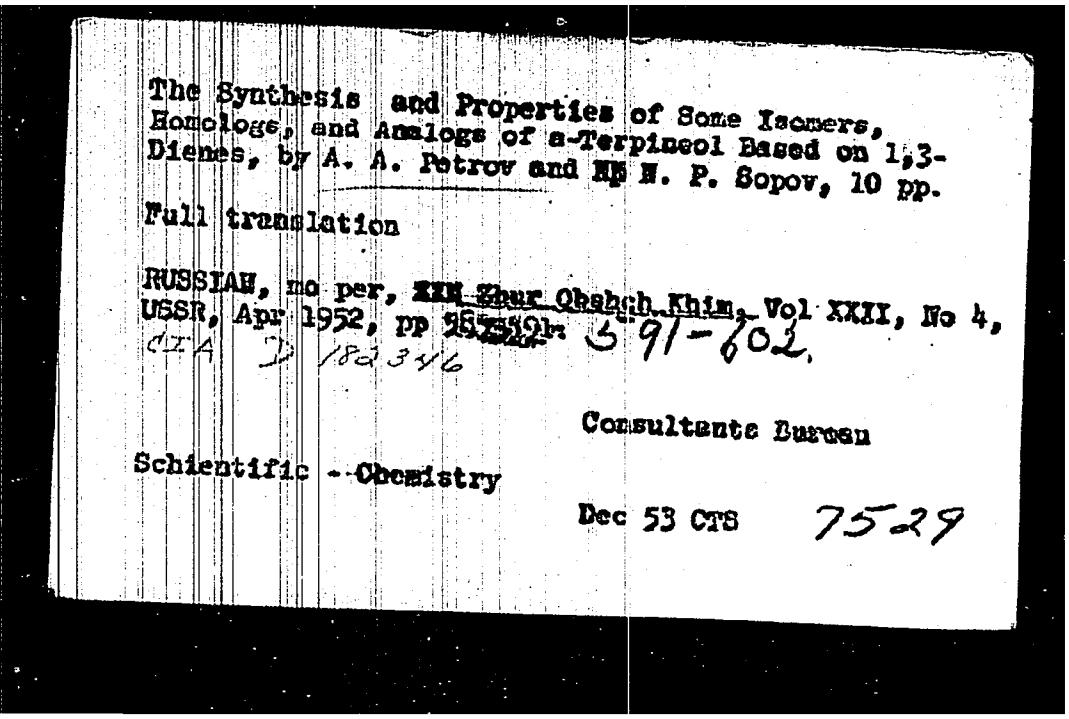


The Synthesis and Properties of Some Isomers, Homologs, and Analogs of a-Terpineol Based on 1,3-Dienes, by A. A. Petrov and Mp N. P. Sopov, 10 pp.

Full translation

RUSSIAN, no per, ~~XXX Zhur Obshch Khim~~, Vol XXII, No 4, USSR, Apr 1952, pp 591-602.
CIA D 182346

Consultants Bureau

Schientific -- Chemistry

Dec 53 CTS 7529

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3

Sci/Chem /C

On the Order of Addition of Alkylpyrohalites to Divinyl, by A. A. Petrov, 17 pp.

RUSSIAN, mo per, Zhur Obshch Khim, Vol XIX, No 6, Jun 1949.

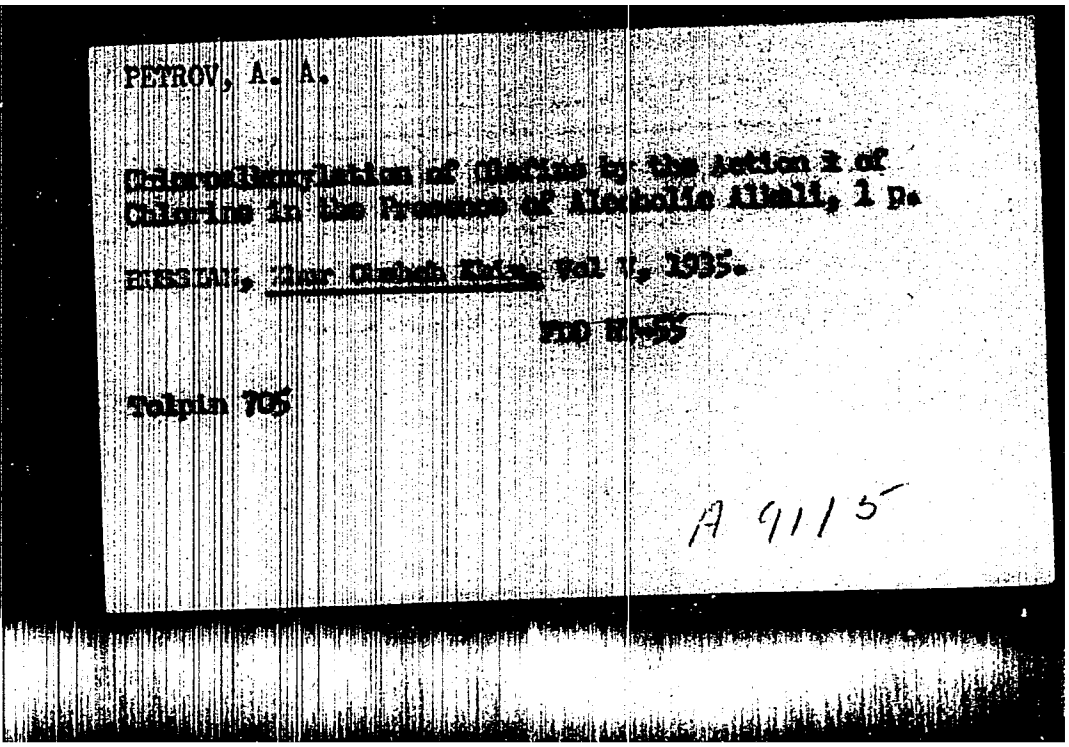
CIA/FDD/X-425

A 9116

Nov cts

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3



PETROV, A. A.

Chlorination of Olefins by the Action of Chlorine in the Presence of Alcoholic Alkali, 1 p.

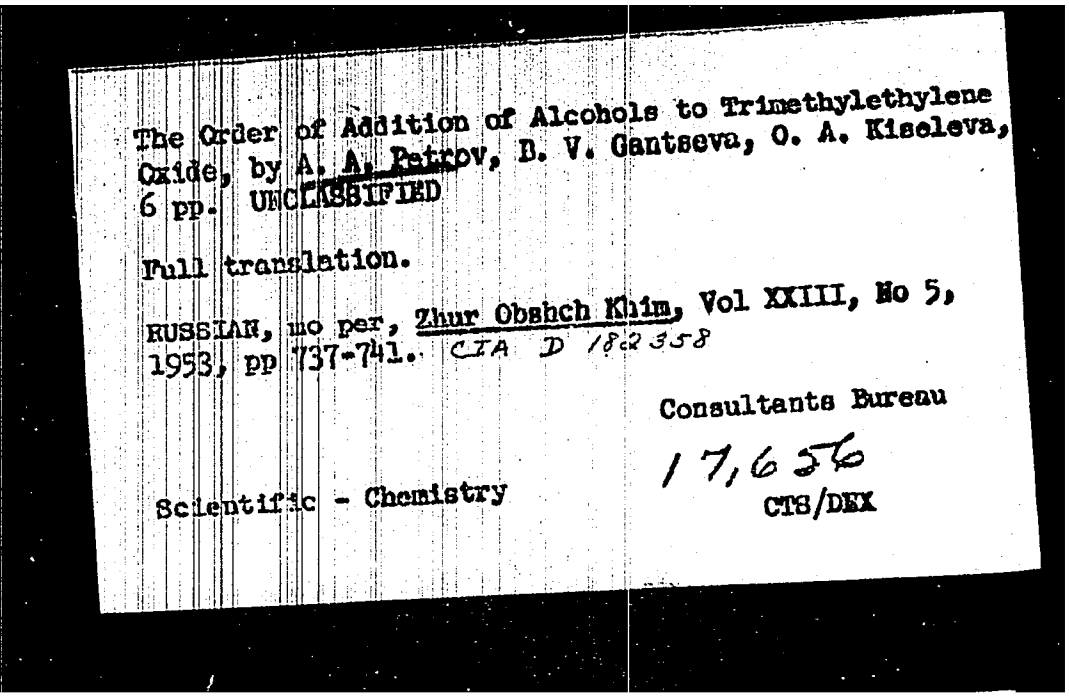
Zhur Obshch Khim, Vol 7, 1935.

Tekpin 705

A 9115

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3



The Order of Addition of Alcohols to Trimethylethylene Oxide, by A. A. Petrov, D. V. Gantseva, O. A. Kiseleva, 6 pp. UNCLASSIFIED

Full translation.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXIII, No 5, 1953, pp 737-741. CIA D 18c2358

Consultants Bureau

17,656

CTS/DEX

Scientific - Chemistry

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3

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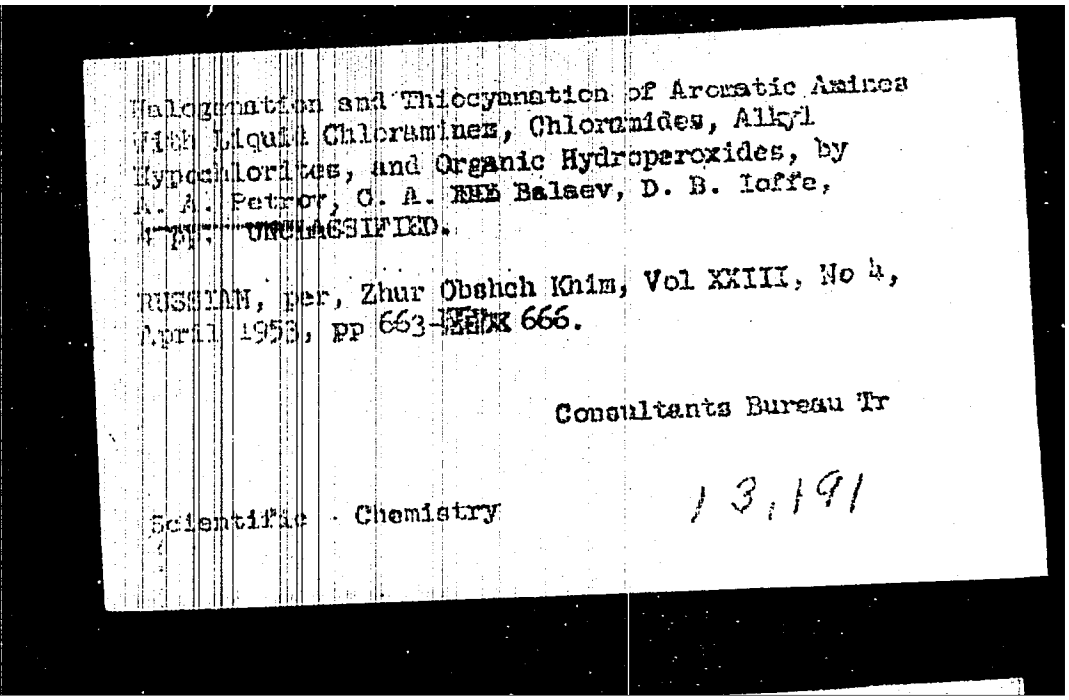

Halogenation and Thiocyanation of Aromatic Amines with Liquid Chloramines, Chloramides, Alkyl Hypochlorites, and Organic Hydroperoxides, by A. A. Petrov, O. A. Balaev, D. B. Ioffe,

PP: UNCLASSIFIED.

RUSSIAN, per, Zhur Obshch Khim, Vol XXIII, No 4, April 1953, pp 663-666.

Consultants Bureau Tr

Scientific - Chemistry

13,191

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3

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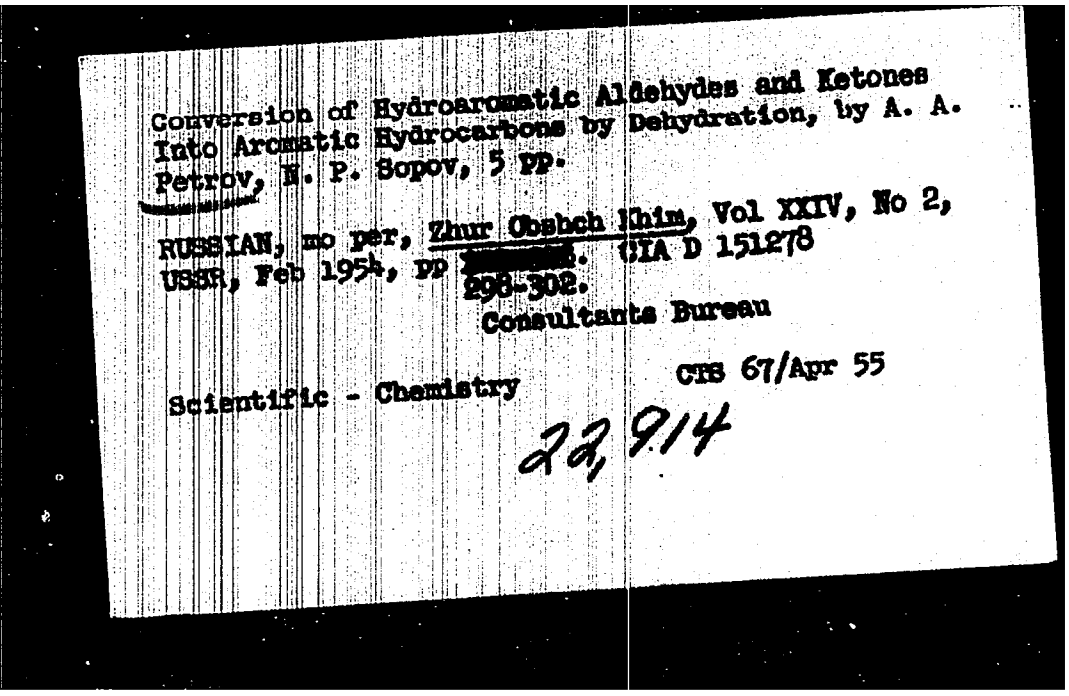

Conversion of Hydroaromatic Aldehydes and Ketones Into Arcmatic Hydrocarbons by Dehydration, by A. A. Petrov, N. P. Sopov, 5 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXIV, No 2, USSR, Feb 1954, pp [redacted]. (IA D 151278
296-302.
Consultants Bureau

Scientific - Chemistry CRS 67/Apr 55

22,914

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3

Relationship Between the Quantity of Hydrogen Bromide Evolved and the Structures of Brominated Olefins, by A. A. Petrov, 4 pp.

Full translation.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXIII, No 11, 1953, pp 1896-1899. CIA D151246

Consultants Bureau

Scientific - Chemistry Apr 55 CTS 22,628

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3

Letter to the Editor, by A. A. Petrov, 1 p.

Full translation

RUSSIAN, zo per, Zhur Obshch Khim, Vol XXV, No 7, 1955, pp 1438- CIA C 42051

Consultants Bureau

34,268

[redacted]
XX
Scientific - Chemistry
May 56 CTS/dex

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3

Rearrangement of Hydrogen in Olefinic Hydrocarbons Over Aluminosilicate Catalysts, by A. A. Petrov, A. V. Frost. 5 pp.

RUSSIAN, mo per, Zhur Obshch Khim, Vol XXII, No 10, 1952, pp 1773-1780.

Consultants Bureau

14,486

Scientific - Chemistry

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3

Conjugated Systems. CLXIII. Synthesis and Properties of 1, 3-Enyne Stannahydrocarbons
By V. S. Zavgorodniy and A. A. Petrov pp. 5

RUSSIAN, per, Zhur Obshch Khim, Vol XXXII, No 11, 1962, pp. 3527 - 3531

CB

Sci

344,703

Aug 63

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3

Investigations on Conjugated Systems. CLXX. Chloromethylation of Divinylacetylene and Its Homologs, by Kh. I. Khusnutdinov, A. A. Petrov, 8 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXXIII, No 4, 1963, pp 1111-1119.

CB

Sci
Apr 64

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3

Conjugated Systems. CLXI. Addition of Silicon Hydrides to 1-Trimethylsilylbuten-3-YNE-1
By M. D. Stadnichuk and A. A. Petrov pp. 7

RUSSIAN, per, Zhur Obshch Khim, Vol XXXII, No 11, 1962, pp. 3514 - 3521

CB

Sci

344,702

Aug 63

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3

Conjugated Systems. CLXII. Direction of Addition of Bromine and Hydrogen to Vinyl- and Allyldimethylvinylacetylenylsilanes

By N. D. Stadnichuk and A. A. Petrov pp. 5

RUSSIAN, per, Zhur Obshch Khim, Vol XXXII, No 11, 1962, pp. 3522 - 3526

CB

Sch

Aug 63

344,701

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3

Conjugated Systems. CLXIV. Nuclear Magnetic Resonance Spectra of 1, 3-Enyne Hydrocarbons
By A. A. Petrov and V. B. Lebedev pp. 5

RUSSIAN, per, Zhur Obshch Khim, Vol XXXII, No 11, 1962, pp. 3532 - 3536

CB

Sci

344,696

Aug 63

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3

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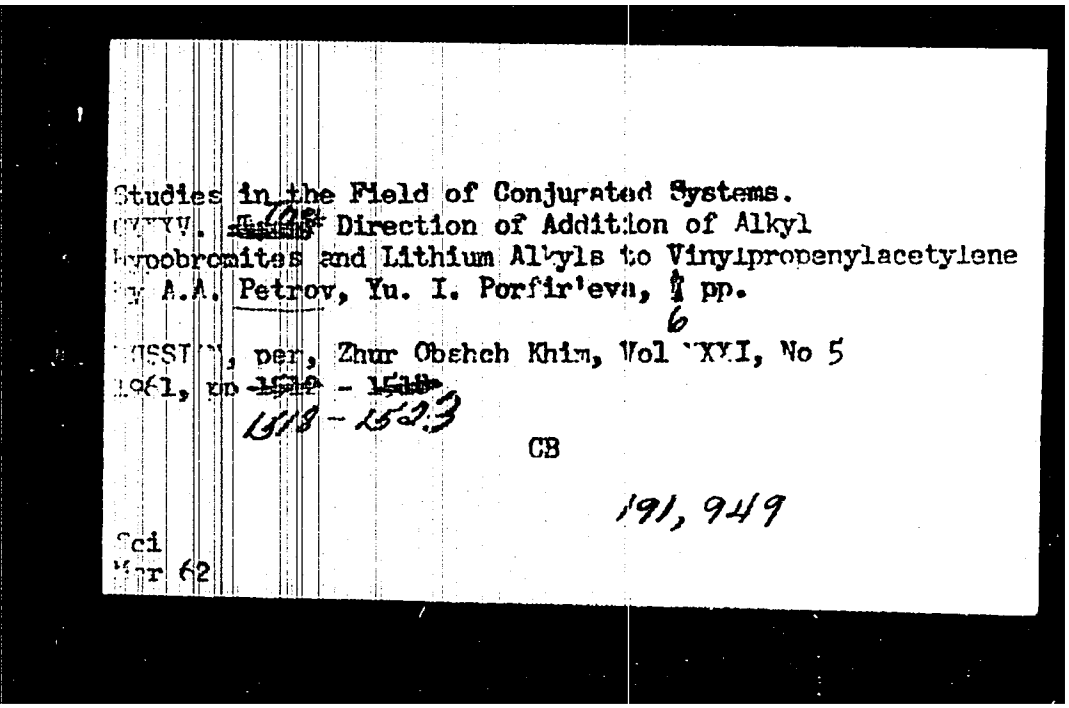

Studies in the Field of Conjugated Systems.
[illegible] Direction of Addition of Alkyl
Bromobromites and Lithium Alkyls to Vinylpropenylacetylene
by A.A. Petrov, Yu. I. Porfir'eva, 6 pp.

USSR, per, Zhur Obshch Khim, Vol XXXI, No 5
1961, pp 1512 - 1518
1518 - 1523

CB

191,949

Sci
Mar 62

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3

The Addition of Triphenylmethyl Radicals to Enyne Hydrocarbons and Silicohydrocarbons, by A. A. Petrov, M. D. Stadnichuk, 3 pp.

RUSSIAN, Zhur, Dok Ak Nauk SSSR, Vol CXXXIX, No 5, 1961, pp 1124-1127.

CB

Sci

Jun 62

200,804

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3

Isomerization of Saturated Hydrocarbons. II.
Isomeric Transformations of C_{12}-C_{16} Alkanes,
by A. A. Petrov, et al.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk,
No 5, 1958, pp 575-583.

ATS RJ-1928

Sci - Chem
Dec 59

104,099

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3

Isomerization of Saturated Hydrocarbons. I. Isomeric Transformations of C_6-C_8 Alkanes, by A. A. Petrov, et al.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk, No 4, 1958, pp 437-445.

ATS RJ-1927

Sci - Chem
Dec 59

104,098

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3

Isomerization Reactions of Olefinic Hydrocarbons in Presence of Aluminosilicates. Communication 2, by A. A. Petrov. 7 pp.

Full translation

RUSSIAN, bimo per, Iz Ak Nauk SSSR, Otdel Khim Nauk, No 1, USSR, Jan/Feb 1954, pp 124-132. CIA D 151104

Consultants Bureau

Scientific - Chemistry CTS 66/Mar 55

21,8.51

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3

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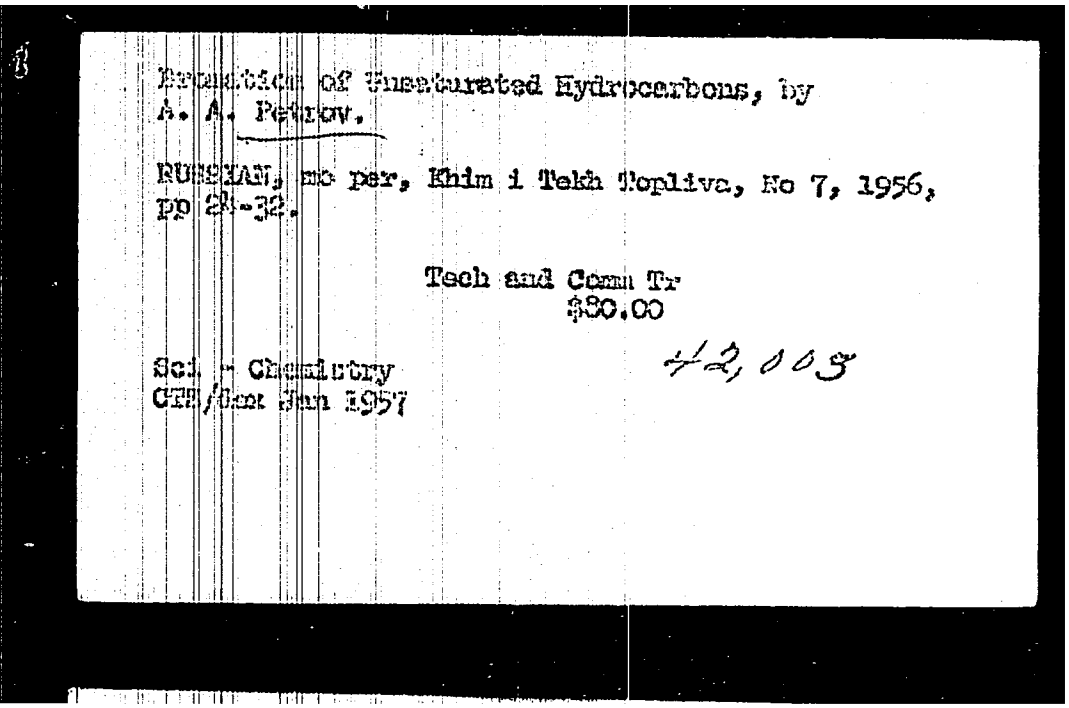


Determination of Unsaturated Hydrocarbons, by A. A. Petrov.

RUSSIAN, no per, Khim i Tekh Topliva, No 7, 1956, pp 28-32.

Tech and Comm Tr
$30.00

#2,005

Sci - Chemistry
CIT/Gen Jun 1957

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3

Spectroscopic-Isotopic Determination of Hydrogen in Metals, by A. N. Zaydel, A. A. Petrov.
UNCLASSIFIED 20 pp

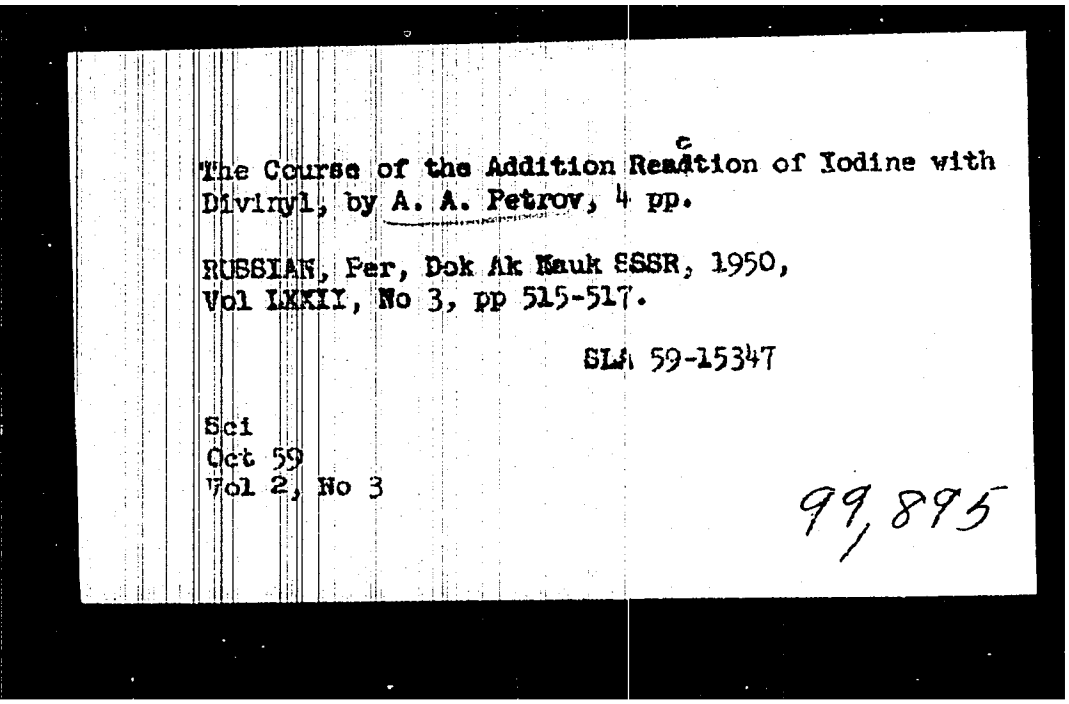
RUSSIAN, per, Vest Leningrad Univ, No 10, 1957, pp 40-51.

Assoc Tech Sv RJ 1310
Russian to French AEC CEA Tr R-498
Sci - Phys
Nov 58

75,894

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3



The Course of the Addition Reaction of Iodine with Divinyl, by A. A. Petrov, 4 pp.

RUSSIAN, Per, Dok Ak Nauk SSSR, 1950, Vol LXXII, No 3, pp 515-517.

SLA 59-15347

Sci
Oct 59
Vol 2, No 3

99,895

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3

Investigations of Conjugated Systems XCVIII. Telomerization of Butadiene With Crotyl Chloride and 3-Chloro-1-Butene, by A. A. Petrov, Kh. V. Bal'yan, L. I. Bunina-Krivorukova, T. V. Yakovleva, 11 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXIX, No 5, 1959, pp 1576-1587.

Consultants Bureau

Sci

Jul 60

120,461

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3

Preparation of Hydroaromatic Hydrocarbons by Pyrolyzing Acetates of Secondary Alcohols Prepared from Products of Diene Synthesis, by A. A. Petrov, N. P. Dopov, 8 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVII, No 7, 1957, pp 1795-1804.

Consultants Bureau

Sci - Chem

Oct 1958

74, 155

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3

The Addition of Lithiumdiethyl - and Lithiumdibutylamides to Vinylacetylene and Vinylalkylacetylenes, by A. A. Petrov, V. A. Kormer, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVI, No 6, 1959, pp 1278-1281.

Consultants Bureau

Sci

119,509

Jun 60

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3

The Rheological Properties of Surface Films at the Oil-Water Interface and their Role in Stabilizing Oil Emusions, by M. M. Kusakov and A. A. Petrov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVI, No 4, 1957, pp 637-640.

Consultants Bureau

Sci - Chem

Aug 58

73, 651

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3

The Reaction Between Vinyl Ether and Amines,
A. A. Petrov, V. M. Al'bitskaya.

RUSSIAN, per, Zhur Obshchei Khim, Vol XXVI, No 7, 1956, pp 1907-1909.

Assoc Tech Sv
$4.95 Tr RJ-820

Sci - Chemistry
Aug 57

57, 803

SAM-ATS
(USSR)

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3

The Order of Addition of Bromine, Hydrogen Bromide, and Alkyl Hypobromites to Allylmethylacetylene (Hexene-1-yne-4), by A. A. Petrov, 6 pp.

RUSSIAN, no per Zhur Obshch Khim, Vol XXVI, No 12, 1956, pp 3319-3323.

Consultants Bureau

Sci - Chemistry
Jul 58

67,412

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3

The Order of Addition of Bromine to Alkenylacetylenes, by A. A. Petrov, Yu. I. Porfiryeva, 4 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CXI, No 4, Nov/Dec 1956, pp 839-841.

Consultants Bureau

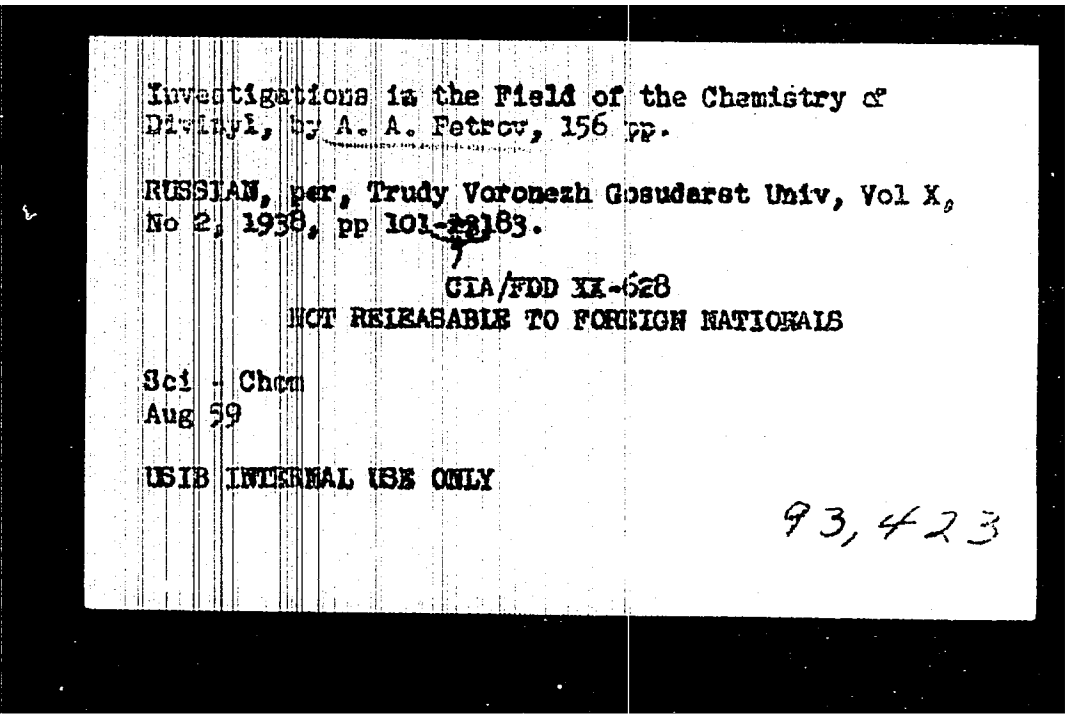
Sci - Chem

Dec 57

56, 698

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3



Investigations in the Field of the Chemistry of Divinyl, by A. A. Petrov, 156 pp.

RUSSIAN, per, Trudy Voronezh Gosudarst Univ, Vol X, No 2, 1938, pp 101-183.

CIA/FDD XX-628
NOT RELEASABLE TO FOREIGN NATIONALS

Sci - Chem
Aug 59

USIB INTERNAL USE ONLY

93,423

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3

A Contribution on the Structure of Citral, Obtained from Synthetic Geranyl Chloride, by A. A. Petrov, Kh. V. Bal'yan, Yu. I. Kheruze, E. Yu. Shvarts, T. V. Yakovleva, 5 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXIX, No 2, 1959, pp 445-450.

Consultants Bureau

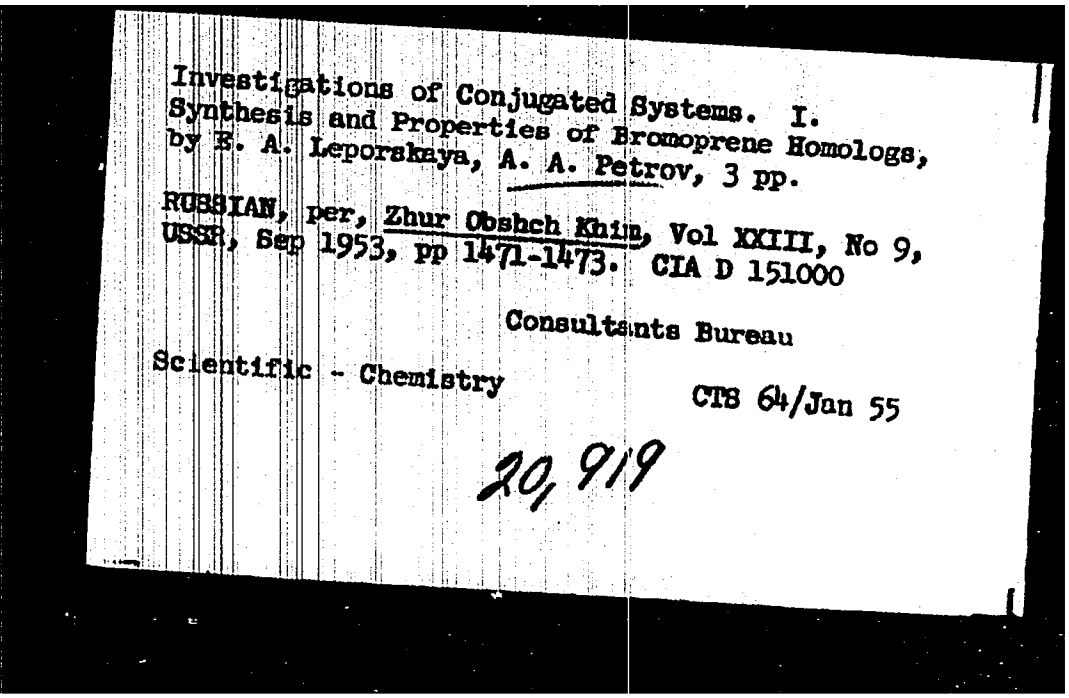
Sci

Apr 60

112/330

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3



Investigations of Conjugated Systems. I.
Synthesis and Properties of Bromoprene Homologs,
by Z. A. Leporskaya, A. A. Petrov, 3 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXIII, No 9,
USSR, Sep 1953, pp 1471-1473. CIA D 151000

Consultants Bureau

Scientific - Chemistry

CTS 64/Jan 55

20,919

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3

Investigation of the Chemistry of Organic Oxides. XIV. Reaction of the α-Oxide of Isoprene with Ammonia and Amines, by V. M. Albitskaya, A. A. Petrov, 6 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVIII, No 4, 1958, pp 901-903.

Consultants Bureau

Sci - Chem
Jun 59

89,129

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3

Conjugated Systems. XVIII. Interaction of Chloroprene with Chlorine, by A. A. Petrov, 12 pp.

Zhur Obshch Khim
Russian, mo per, Vol XIII, No 1-2, 1943, pp102-107.

Sci Tr Ctr RT-3817

Sci - Chemistry
Aug 56 CTS/dex

37,542

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3

Conjugated Systems. XIX. Bromination of Chloroprene, by A. A. Petrov, 11 pp.

RUSSIAN, per, Zhur Obshchei Khim, Vol XXIII, No 1/2, 1943, pp 108-112.

Sci Tr Center
RT - 3860

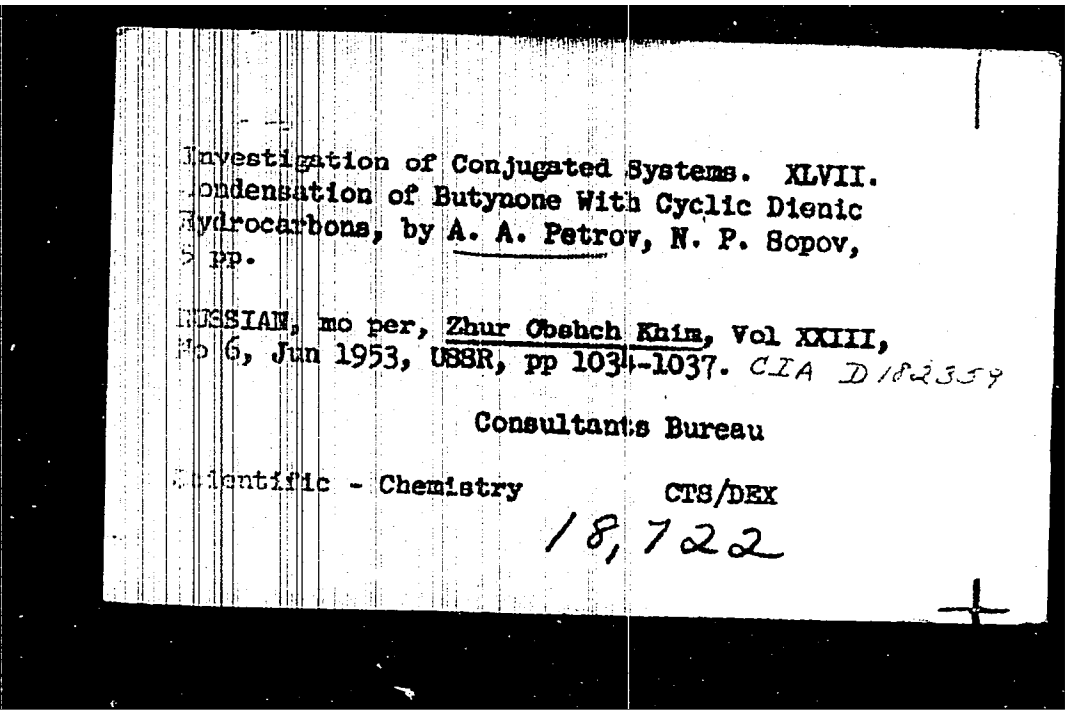
37,160

Sci - Chemistry

Aug 1956

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3



Investigation of Conjugated Systems. XLVII. Condensation of Butynone With Cyclic Dienic Hydrocarbons, by A. A. Petrov, N. P. Sopov, 5 pp.

RUSSIAN, mo per, Zhur Obshch Khim, Vol XXIII, No 6, Jun 1953, USSR, pp 1031-1037. CIA D/82359

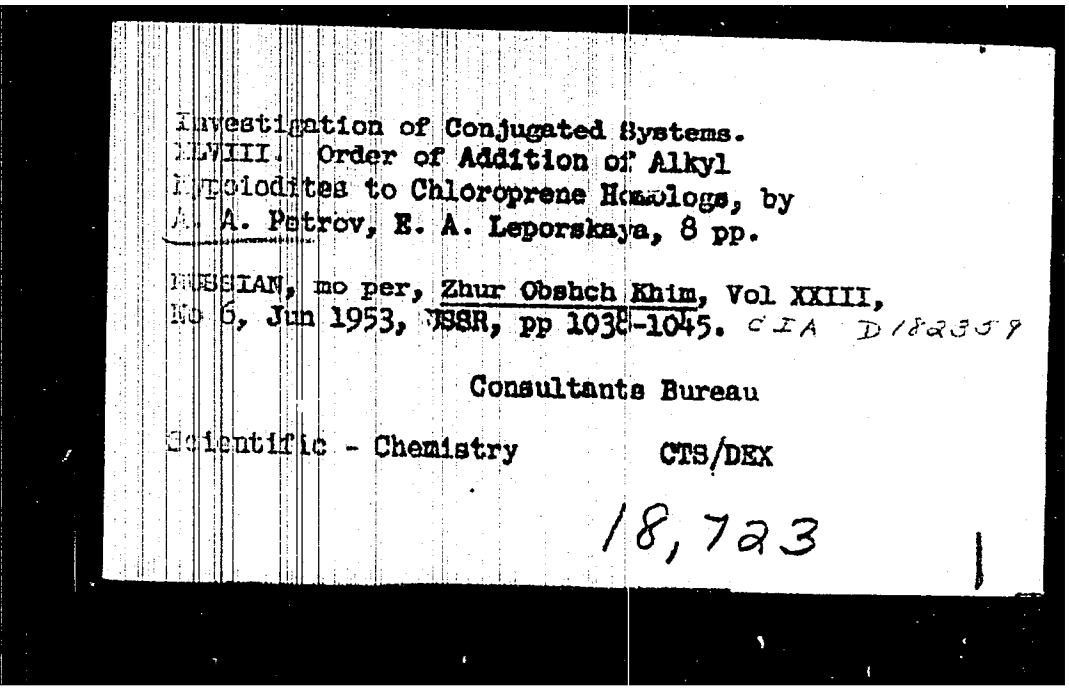
Consultants Bureau

Scientific - Chemistry CTS/DEX

18,722

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3



Investigation of Conjugated Systems.
XLVIII. Order of Addition of Alkyl
Iodides to Chloroprene Homologs, by
A. A. Petrov, E. A. Leporskaya, 8 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXIII,
No 6, Jun 1953, USSR, pp 1038-1045. CIA D/82337

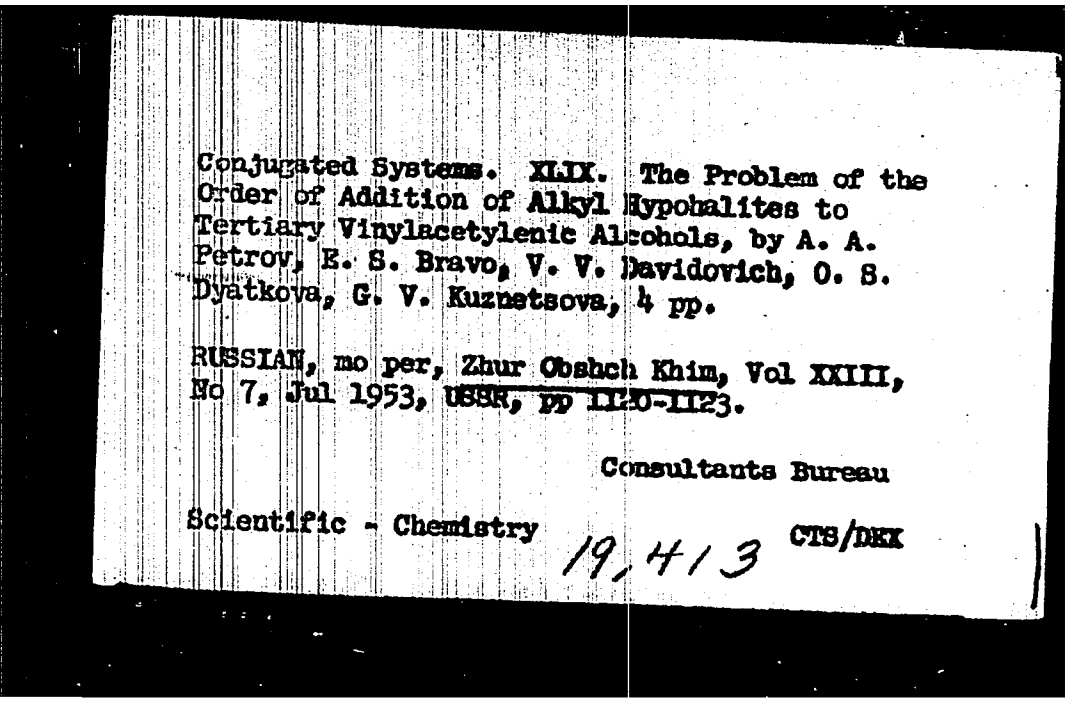
Consultants Bureau

Scientific - Chemistry CTS/DEX

18,723

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3



Conjugated Systems. XLIX. The Problem of the Order of Addition of Alkyl Hypohalites to Tertiary Vinylacetylenic Alcohols, by A. A. Petrov, E. S. Bravo, V. V. Davidovich, O. S. Dyatkova, G. V. Kuznetsova, 4 pp.

RUSSIAN, mo per, Zhur Obshch Khim, Vol XXIII, No 7, Jul 1953, USSR, pp 1120-1123.

Consultants Bureau

Scientific - Chemistry 19,413 CTS/DEK

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3

Investigations on Conjugated Systems. LX. Reaction of Divinylethylacetylene with Tertiary Butyl Chloride and Bromide, by A. A. Petrov, and K. V. Leats, 4 pp.

Full tr

RUSSIAN, sc per, Zhur Obshch Khim, Vol XXVI, No 2, 1956, pp 407-410. CIA 9007072 C, Reel No 64

Consultants Bureau

Sci - Chemistry
Dec 56 CTS
Dup

41,689

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3

Investigation of Conjugated Systems. LV. Order of Addition of the Alkylhypohalogenites to 3-Chloro- and 3-Bromohexadiene-1,3, by E. A. Leporskaye, ~~xx~~ A. A. Petrov, 8 pp.

RUSSIAN, mo per, Zhur Obshch Khim, Vol XXIV, No 6, Jun 1954, pp 1005-1013. CIA C 40406

Consultants Bureau

Scientific - Chemistry Jan 56 CTB/DEX

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3

Investigations of Conjugated Systems. XX LVI. Condensation of Diene Hydrocarbons with Propargyl Aldehyde, by A. A. Petrov, 8 pp.

Full tr

RUSSIAN, no per, Zhur Obshch Khim, Vol XXIV, No 12, 1954, pp 2136-2143. CIA 542762 C, reel 3.

Consultants Bureau

37,656

Scientific - Chemistry
Aug 56 CTS

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3

Investigations in the Field of Conjugated Systems. LVII. Condensation of Propargyl Aldehyde With Piperylene and Isoprene, by A. A. Petrov, N. P. Sopov, 6 pp.

RUSSIAN, mo per, Zhur Obshch Khim, Vol XXV, No 3, USSR, Mar 1955, pp 517-522. CIA C 39388

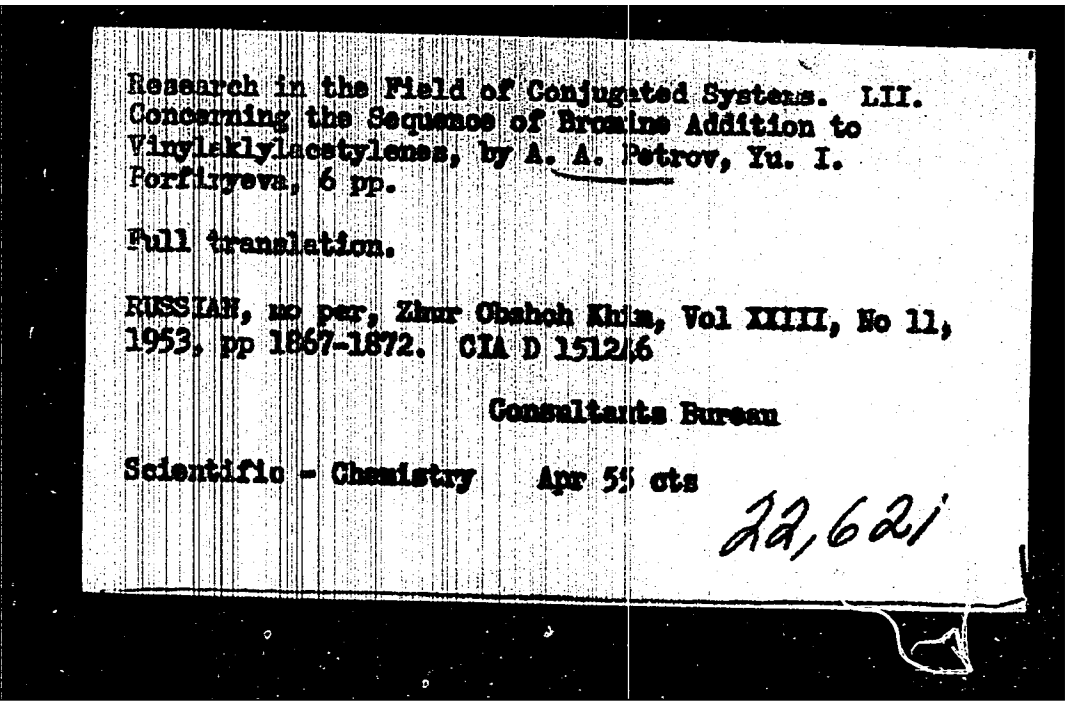
Consultants Bureau

Scientific - Chemistry
CIS 74/Nov 55

27,960

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3



Research in the Field of Conjugated Systems. LII. Concerning the Sequence of Bromine Addition to Vinylalkylacetylenes, by A. A. Petrov, Yu. I. Porfir'yeva, 6 pp.

Full translation.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXIII, No 11, 1953, pp 1867-1872. CIA D 1512/6

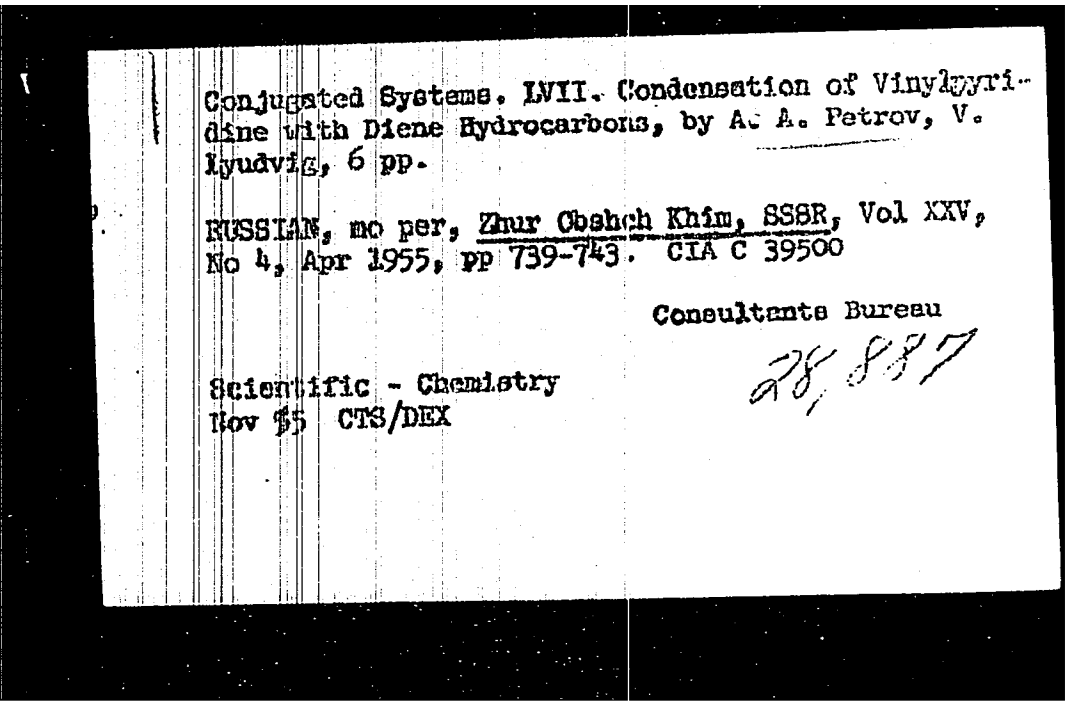
Consultants Bureau

Scientific - Chemistry Apr 55 cts

22,621

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3



Conjugated Systems. LVII. Condensation of Vinylpyridine with Diene Hydrocarbons, by A. A. Petrov, V. Lyudvig, 6 pp.

RUSSIAN, mo per, Zhur Obshch Khim, SSSR, Vol XXV, No 4, Apr 1955, pp 739-743. CIA C 39500

Consultants Bureau

28,857

Scientific - Chemistry
Nov 55 CTS/DEX

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3

Conjugated Systems. LIX. Condensation of
4-Vinylpyridine With Diene Hydrocarbons, by
A. A. Petrov, V. Lyudvig, 4 pp.

Full tr

RUSSIAN, no per, Zhur Obshch Khim, Vol XXVI, No 2,
1956, pp 51-53. CIA 9000404 C, Reel No 21

Consultants Bureau

Sci - Chemistry
Sep 56 CRS

38,645

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3

Conjugated Systems. LXI. The Addition of Alkyl Halides to Diene Hydrocarbons, by A. A. Petrov, K. V. Leetz, 8 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXVI, No 4, Apr 1956, pp 1113-1120.

Consultants Bureau

Sci - Chemistry
Feb 1957 OTS/dmx

43,664

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3

Conjugated Systems. LXII. The Condensation of Dienic Hydrocarbons With Propiolic Acid and Its Methyl Ester, by A. A. Petrov, K. B. Rall, 6 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVI, No 6, Jun 1956, pp 1588-1592.

Consultants Bureau

Sci - Chemistry
Jul 57

49,685

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3

Conjugated Systems. LXIII. The Action of Benzenesulfodichloramide on Alcoholic Solutions of Piperlyene, by T. A. Zyryanova, A. A. Petrov, 10 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVI, No 6, Jun 1956, pp 1593-1601.

Consultants Bureau

Sci - Chemistry
Jul 57

49,687

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3

Investigation in the Field of Conjugated Systems. LXIV. The Action of Benzosulfodibromoamide on Solutions of Piperylene in Methyl and Ethyl Alcohols, by T. A. Zyryanova, A. A. Petrov, 8 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXVI, No 7, Jul 1956, pp 1918-1925.

Consultants Bureau

Sci - Chemistry
Nov 57

55,014

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3

Investigation in the Field of Conjugated Systems. LXV. Hydrogenation of Vinylalkylacetylenes in the Presence of Colloidal Palladium, by Kh. V. Bal'yan, A. A. Petrov, Yu. I. Porfiryeva, 10 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXVI, No 7, Jul 1956, pp 1925-XXXX 1935.

Consultants Bureau

Sci - Chemistry
Nov 57

55, 015

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3

Investigations in the XXX Field of Conjugated Systems. LXVI. The Action of Benzosulfodichloro- and Benzosulfodibromoamide on Alcohol Solutions of Isoprene, by T. A. Zyryanova, A. A. Petrov, 6 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXVI, No 8, 1956, pp XXXXXX 2189-2194.

Consultants Bureau

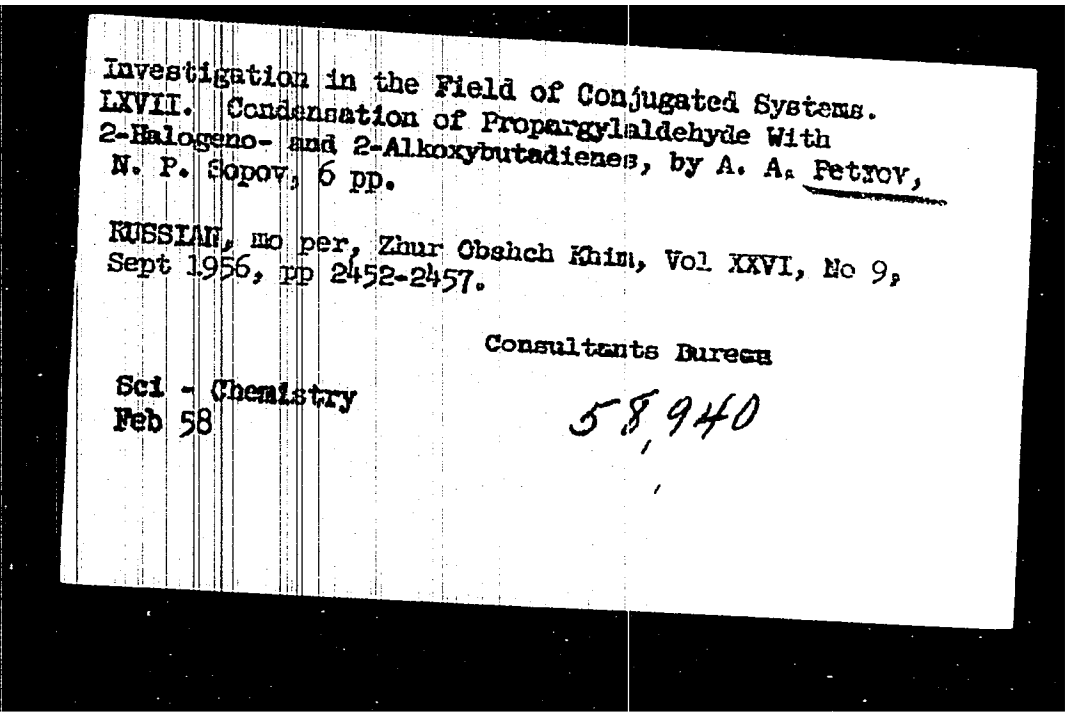
Sci - Chem

56, 515

Dec 57

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3



Investigation in the Field of Conjugated Systems. LXVII. Condensation of Propargylaldehyde With 2-Halogeno- and 2-Alkoxybutadienes, by A. A. Petrov, N. P. Sopov, 6 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXVI, No 9, Sept 1956, pp 2452-2457.

Consultants Bureau

Sci - Chemistry
Feb 58

58,940

APPROVED FOR RELEASE: Wednesday, July 10, 2002 CIA-RDP91-00772R000201490027-3